

05-29-01

GRAYCARY. TECHNOLOGY'S LEGAL EDGESMA
Box-seg4365 Executive Drive, Suite 1600
San Diego, CA 92121-2189
www.graycary.comO] 858-677-1456
F] 858-677-1455jc984 U.S. PTO
05/24/01jc971 U.S. PTO
09/865291
05/24/01EXPRESS MAIL number: EL617044775USDate of Deposit May 24, 2001

I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PATENT APPLICATION, Commissioner of Patents and Trademarks, Washington, DC 20231.

Richard J. Embra
name of individual depositing with POSignature Richard J. Embra May 24, 2001

ATTORNEY DOCKET NO.: REGEN1550

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
ATTN: BOX PATENT APPLICATION

Sir:

Presented for filing is a new continuation-in-part patent application of:

APPLICANT(s): Roger Y. Tsien, Alice Y. Ting, Jin Zhang

FOR: **EMISSION RATIONOMETRIC INDICATORS OF
PHOSPHORYLATION**

Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

	<u>Number of Pages</u>
Specification	62
Claims	12
Abstract	1
Declaration by inventors	3
Drawing(s)	7

09865291-052401

Under 35 USC § 120, this application claims the benefit of prior U.S. application No. 09/396,003, filed September 13, 1999, which is a continuation of U.S. Serial No. 08/792,553, filed January 31, 1997 (now U.S. Pat. No. 5,981,200), which is a CIP of U.S. Serial No. 594,575, filed January 31, 1996, and is related to Attorney Docket No. REGEN1530-2, filed May 24, 2001, the entire contents of each of which is incorporated herein by reference.

Enclosures:

- Statement Under 37 CFR §§1.821(f) &(g) (1 page);
- Verified Statement Under 37 CFR §§1.821(f) (1 page);
- Sequence Listing (22 pages);
- Sequence listing in computer readable form (3.5" disk);
- Postcard

The filing fee is calculated as follows. Small Entity status is claimed.

(1) For	(2) Number filed	(3) Number extra	(4) Large Entity Rate	(5) Small Entity Rate	(6) Calculations
Basic Filing Fee	XX	XX	\$ 690.00	\$345.00	\$ 000.00
Total Claims	# - 20 =	0	X \$ 18.00	X \$ 9.00	\$ 0.00
Independent Claims	# - 3 =	0	X \$ 78.00	X \$ 39.00	\$ 0.00
Multiple Dependent Claim(s) (if applicable)			\$ 260.00	\$130.00	\$ 000.00
Total of above Calculations =					\$ 000.00

Please apply any other required fees (EXCEPT FILING FEE) or any credits to deposit account 50-1355, referencing the attorney docket number shown above.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

Gray Cary Ware & Freidenrich LLP
Docket No. REGEN1550
Box Patent Application
May 24, 2001
Page 3

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

All future correspondence should be addressed to:

Lisa A. Haile, Ph.D.
Gray Cary Ware & Freidenrich LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121-2189
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

A duplicate copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

Respectfully submitted,

Gray Cary Ware & Freidenrich LLP



Lisa A. Haile, Ph.D.
Registration No. 38,347


Date

GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121-2189
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

Enclosures